

CLAIMS

WHAT IS CLAIMED IS:

1. A modular shelter unit comprising an elongate horizontally oriented generally
2 box structure, having interior sidewalls defining a generally cylindrically
shaped first interior volume sized for temporary human occupation in a reposed
4 position, and exterior sidewalls extending to an opposing end defining a second
interior volume for storage of human belongings, said box structure specially
6 configured for securing together a plurality of similar modular structures.
2. The modular shelter unit of claim 1 wherein said similar modular structures
2 comprise additional modular shelter units.
3. The modular shelter unit of claim 2 wherein said modular shelter units are
2 stackable one atop another.
4. The modular shelter unit of claim 3 further comprising a plurality of legs
2 protruding from a bottom of said box structure, and a plurality of corresponding
cavities in a top of said generally box structure, located and sized to accept said
4 plurality of legs when modular shelter units are stacked one atop another.

5. The modular shelter unit of claim 1 wherein said similar modular structures
comprise vertically oriented modular utility units selected from the group
consisting of a toilet, a shower and a dressing room.
6. The modular shelter unit of claim 4 further comprising a shower unit secured to
a dressing room unit and a passageway therebetween.
7. The modular shelter unit of claim 5 further comprising a sink attachable to the
exterior of the dressing room unit.
8. The modular unit of claim 1 wherein said box-like structure is fabricated of
molded plastic.
9. The modular shelter unit of claim 1 wherein said box structure is watertight.
10. The modular shelter unit of claim 1 wherein said generally cylindrically shaped
first interior volume has a substantially flat bottom surface.
11. The modular shelter unit of claim 1 further comprising a first door closing off
said first interior volume and a second door closing off said second interior
volume.

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12. The modular shelter unit of claim 12 further comprising locking means for securing said first and second doors operable from outside and inside said box structure.
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13. The modular shelter unit of claim 1 further comprising ventilating means for allowing outside air through said first door and interior sidewalls.
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14. The modular shelter unit of claim 1 further comprising fire-resistant and sound dampening foam between said interior and exterior sidewalls.
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15. The modular shelter unit of claim 1 further comprising raised bosses at corners and edges of said box structure.
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16. The modular shelter comprising an horizontally oriented generally rectangular box plastic watertight structure, having generally curved interior sidewalls and a substantially flat bottom surface and a bulkhead defining a first interior volume sized for a reposed human, and exterior sidewalls extending to an opposing end in combination with said bulkhead defining a second interior volume, said exterior walls specially configured for securing together a plurality of said modular shelter units, further having a first door closing off said first interior volume and a second door closing off said second interior volume, and
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electronic locking means for securing said first and second doors operable from
outside and inside said box structure.

18. A method of providing emergency shelter comprising:

providing a plurality of modular shelter unit each comprising a
plastic watertight generally rectangular box structure having generally
curved interior sidewalls defining a first interior volume sized for a
reposed human, and exterior sidewalls extending to an opposing end
defining a second interior volume, each further having a first door
closing off said first interior volume and a second door closing off said
second interior volume, and electronic locking means for securing said
first and second doors operable from outside and inside said box
structure;

tying together the plurality of modular shelter units by engaging
specially configured exterior sidewall structures;

taking reservations electronically to use said modular
shelters; and,

providing information electronically to operate said locking
means.

18. The method of claim 19 further comprising the step of hosing out each modular
shelter unit after use.

19. The method of claim 19 further comprising the step of transporting said plurality
of modules to an appropriate site.

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